

Substitute for form 1449A/PTO

**INFORMATION DISCLOSURE
STATEMENT BY APPLICANT**

(use as many sheets as necessary)

Complete if Known

Application Number	
Filing Date	
First Named Inventor	Elan Yogeswaren
Art Unit	
Examiner Name	
Attorney Docket Number	PAT027US

Sheet 1 of 1

U.S. PATENT DOCUMENTS

Class / Sub

Examiner Initials*	Cite No.	Document Number		Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number-Kind Code (if known)				
7/15	AA	US-	3,553,640	01-05-1971	Zemanek	
	AB	US-	4,382,201	05-03-1983	Trzaskos	
	AC	US-	4,485,321	11-27-1984	Klicker, et al.	
	AD	US-	4,523,122	06-11-1985	Tone et al.	
	AE	US-	4,571,693	02-18-1986	Birchak et al.	
	AF	US-	4,628,223	12-09-1986	Takeuchi et al.	
	AG	US-	4,665,511	05-12-1987	Rodney et al.	
	AH	US-	4,800,316	01-24-1989	Ju-Zhen	
	AI	US-	4,890,268	12-26-1989	Smith et al.	
	AJ	US-	5,130,950	07-14-1992	Orban et al.	
	AK	US-	RE 34,975	06-20-1995	Orban et al.	
	AL	US-	5,469,736	12-28-1995	Moake	
	AM	US-	5,486,695	01-23-1996	Schultz et al.	
	AN	US-	6,213,250 B1	04-10-2001	Wisniewski et al.	
	AO	US-	6,467,140 B2	10-22-2002	Gururaja	

FOREIGN PATENT DOCUMENTS

Class / Sub

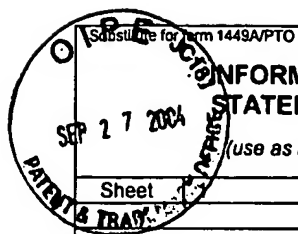
Examiner Initials*	Cite No.	Foreign Patent Document		Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T ¹
		Country Code-Number-Kind Code					
7/15	AP	GB-2,156,984-A		10-16-1985	Rodney et al.		

OTHER PRIOR ART - NON PATENT LITERATURE DOCUMENTS

Examiner Initials*	Cite No.	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published	T ¹
7/15	AQ	McKeighen, R.E., "Design Guidelines for Medical Ultrasonic Arrays", SPIE International Symposium on Medical Imaging, Feb. 25, 1998.	
7/15	AR	Ohm, R.F., "The Vanderbilt Rubber Handbook, 13 th Ed.", R.T. Vanderbilt Company, Inc., Nowalk, CT, 1990, pages 211-222.	
	AS	Smith, W.A., "New Opportunities in Ultrasonic Transducers Emerging from Innovations in Piezoelectric Materials", SPIE Vol. 1733, 1992, pages 3-26.	
	AT	Product Literature Obtained from Ohara Corporation, 23141 Arroyo Vista, Santa Margarita, CA, June 2003. http://www.oharacorp.com/swf/ap.html	
	AU	Product Literature obtained from Corning Glass Works Corporation, Houghton Park, New York, June 2003.	
	AV	Product Literature "Dyneon Fluoroelastomer FE5623", obtained from Dyneon, Decatur, Alabama, June 2003.	
	AW	Product Literature "Dyneon Fluoroelastomer FC2178", obtained from Dyneon, Decatur, Alabama, June 2003.	
	AX	Product Literature "Dyneon Fluoroelastomer FC2181", obtained from Dyneon, Decatur, Alabama, June 2003.	
7/15	AY	Technical Information "Viton@B-50", DuPont Dow elastomers, dated December 1998, Wilmington, Delaware 19809.	

Examiner Signature	MARK U. [Signature]	Date Considered	2-10-05
--------------------	---------------------	-----------------	---------

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication with applicant.
 'Applicant is to place a check mark here if English language Translation is attached.



INFORMATION DISCLOSURE STATEMENT BY APPLICANT (use as many sheets as necessary)			Complete if Known	
Application Number			10/613,375	
Filing Date			07-03-2003	
First Named Inventor			Elan Yogeswaren	
Art Unit			2837	
Examiner Name			Mark Budd	
Attorney Docket Number			PAT027US	
Sheet	of	3		

U.S. PATENT DOCUMENTS

Examiner Initials*	Cite No.	Document Number		Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Class / sub Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number-Kind Code (if known)				
7A	AA	US-	20020062992-A1	05-30-2002	Fredericks et al.	111
	AB	US-	20020096363-A1	07-25-2002	Evans et al.	111
	AC	US-	20020113717-A1	08-22-2002	Tang et al.	111
	AD	US-	20030002388-A1	01-02-2003	Mandal	111
	AE	US-	20030018433-A1	01-23-2003	Blanch et al.	111
	AF	US-	20030058739-A1	03-27-2003	Hsu et al.	111
	AG	US-	20030106739-A1	06-12-2003	Arian et al.	111
	AH	US-	20030114987-A1	06-19-2003	Edwards et al.	111
	AI	US-	20030123326-A1	07-03-2003	Wisniewski et al.	111
	AJ	US-	20030137302-A1	07-24-2003	Clark et al.	111
	AK	US-	20030137429-A1	07-24-2003	Clark et al.	111
	AL	US-	20030139884-A1	07-24-2003	Blanch et al.	111
	AM	US-	20030141872-A1	07-31-2003	Clark et al.	111
	AN	US-	20030150262-A1	08-14-2003	Han et al.	111
	AO	US-	20030167126-A1	09-04-2003	Home et al.	111
	AP	US-	3,381,267	07-26-1966	Cubberly, Jr., et al.	111
	AQ	US-	3,493,921	02-03-1970	Johns	111
	AR	US-	3,770,006	11-06-1973	Sexton et al.	111
	AS	US-	3,792,429	02-12-1974	Patton et al.	111
	AT	US-	3,867,714	02-18-1975	Patton	111
	AU	US-	4,450,540	05-22-1984	Mallett	111
AV	US-	4,543,648	09-24-1985	Hsu	111	
AW	US-	4,594,691	06-10-1986	Kimball et al.	111	
AX	US-	4,649,526	03-10-1987	Winbow et al.	111	
AY	US-	4,682,308	07-21-1987	Chung	111	
AZ	US-	4,698,792	10-06-1987	Kurkjian et al.	111	
AAA	US-	4,698,793	10-06-1987	Wu	111	
AAB	US-	4,700,803	10-20-1987	Mallett et al.	111	
AAC	US-	4,774,693	09-27-1988	Winbow et al.	111	
AAD	US-	4,832,148	05-23-1989	Becker et al.	111	

FOREIGN PATENT DOCUMENTS

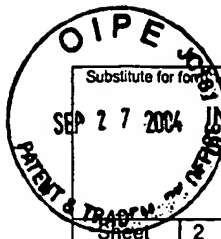
Examiner Initials*	Cite No.	Foreign Patent Document		Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T
		Country Code-Number-Kind Code					
ms	AAE	CA	2346546	11-22-2001	Schlumberger Canada	—	
J	AAF	EP	0375549-A2	06-27-1990	Schlumberger Limited	—	
	AAG	EP	1158138-A2	11-28-2001	Schlumberger Limited	—	
	AAH	GB	2381847-A	05-14-2003	Schlumberger Holdings Limited	—	
	AAI	WO	0072000-A1	11-30-2000	Baumol et al.	—	

OTHER PRIOR ART - NON PATENT LITERATURE DOCUMENTS

Examiner Initials*	Cite No.	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue MARK (1) number(s), publisher, city and/or country where published	T ¹
Examiner Signature	Date Considered		2-10-05

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication with applicant.

¹Applicant is to place a check mark here if English language Translation is attached.



Substitute for form 449A/PTO

SEP 27 2004

INFORMATION DISCLOSURE
STATEMENT BY APPLICANT

(use as many sheets as necessary)

Complete if Known

Application Number	10/613,375
Filing Date	07-03-2003
First Named Inventor	Elan Yogeswaren
Art Unit	2837
Examiner Name	Mark Budd
Attorney Docket Number	PAT023US

Sheet 2 PAT027US 3

U.S. PATENT DOCUMENTS

class/sub

Examiner Initials*	Cite No.	Document Number		Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number-Kind Code (if known)				
7/5	BA	US-	4,855,963	08-08-1989	Winbow et al.	11

FOREIGN PATENT DOCUMENTS

Examiner Initials*	Cite No.	Foreign Patent Document		Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T ¹
		Country Code-Number-Kind Code					

OTHER PRIOR ART - NON PATENT LITERATURE DOCUMENTS

Examiner Initials*	Cite No.	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published	T ¹

Examiner Signature	MARK BUDD	Date Considered	7-10-05
--------------------	-----------	-----------------	---------

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication with applicant.

¹Applicant is to place a check mark here if English language Translation is attached.

